
















































## Product Overview

### Bright Steel / Steel Bars





























| Steel Grade                         | AISI         | Profile   | Dimension in mm from | Dimension in mm to: | Execution  | DIN / Tolerance |
|-------------------------------------|--------------|---|----------------------|---------------------|--|-----------------|
| 1.2379                              |              |    | 15                   | 302                 | annealed, peeled or machined                                   |                 |
| Cut to size possible, see "Service" |              |   |                      |                     |  |                 |
| 1.3243                              |              |    | 10                   | 162                 | annealed, peeled or machined                                   |                 |
| 1.3343                              |              |    | 10                   | 304                 | annealed, peeled or machined                                   |                 |
| Cut to size possible, see "Service" |              |   |                      |                     |  |                 |
| 1.4021                              | 420A         |    | 200x20               | 200x50              | rolled or forged, annealed                                     | DIN 1017        |
| 1.4021                              | 420A         |    | 300x20               | 300x60              | forged, hardened and tempered                                  | DIN 7527        |
| 1.4021                              | 420A         |    | 10                   | 350                 | hardened and tempered, peeled or machined                      |                 |
| 1.4021                              | 420A         |    | 6                    | 100                 | hardened and tempered, ground and polished                     | DIN 671 / h9    |
| 1.4021                              | 420A         |    | 10                   | 20                  | annealed, peeled or machined                                   | k11             |
| Cut to size possible, see "Service" |              |   |                      |                     |  |                 |
| 1.4021                              | 420A         |    | 2                    | 63                  | hardened and tempered, ground and polished, piston rod quality | DIN 670 / h8    |
| 1.4021                              | 420A         |   | 20 x 20              | 80 x 80             | annealed, rolled   | DIN 1017        |
| 1.4034                              |              |  | 20                   | 300                 | annealed, peeled or machined                                   |                 |
| 1.4034                              |              |  | 4                    | 30                  | annealed, drawn/ground h9                                      | DIN 671 / h9    |
| 1.4057                              | 431          |  | 23 x 8               | 80 x 25             | hardened and tempered, drawn                                   | DIN 174 / h 11  |
| 1.4057                              | 431          |  | 40 x 20              | 80 x 20             | rolled, hardened and tempered                                  | DIN 1017        |
| 1.4057                              | 431          |  | 200 x 50             | 283 x 155           | free form forged, hardened and tempered                        | DIN 7527        |
| 1.4057                              | 431          |  | 4                    | 100                 | hardened and tempered, drawn/ground and polished               | DIN 671 / h9    |
| 1.4057                              | ATMOS 431    |  | 7                    | 45                  | hardened and tempered, ground and polished                     | DIN 670 / h8    |
| 1.4104                              | 430F         |  | 1,5                  | 100                 | annealed, ground and polished                                  | DIN 671 / h9    |
| 1.4104                              | 430F         |  | 3                    | 60                  | annealed, ground and polished, piston rod quality              | DIN 670 / h8    |
| 1.4104                              | 430F         |  | 4                    | 60                  | drawn  | DIN 176 / h11   |
| 1.4104                              | 430F         |  | 4                    | 60                  | drawn  | DIN 178 / h11   |
| 1.4112                              | SEISMOS 440B |  | 150x15               | 500x80              | annealed, forged   | DIN 7527        |
| 1.4112                              | SEISMOS 440B |  | 20x16                | 100x25              | rolled, annealed   | DIN 1017        |
| 1.4112                              | SEISMOS 440B |  | 2                    | 40                  | annealed, ground and polished                                  | DIN 671 / h9    |
| 1.4112                              | SEISMOS 440B |  | 20                   | 350                 | annealed, peeled / forged, machined                            | DIN 1013        |
| Cut to size possible, see "Service" |              |   |                      |                     |  |                 |
| 1.4122                              |              |  | 4                    | 40                  | hardened and tempered, ground and polished                     | DIN 671 / h9    |
| 1.4122                              |              |  | 30                   | 180                 | hardened and tempered, peeled or machined                      | DIN 1013        |
| 1.4122                              |              |  | 20                   | 40                  | hardened and tempered, ground and polished, piston rod quality | DIN 670 / h8    |
| 1.4197                              |              |  | 5                    | 12                  | ground and polished, piston rod quality                        | DIN 670 / h8    |
| 1.4301                              | 304          |  | 10 x 3               | 100 x 20            | drawn  | DIN 174 / h11   |
| 1.4301                              | 304          |  | 10x6                 | 120x30              | pickled  | DIN 1017        |
| 1.4301                              | 304          |  | 1,5                  | 100                 | drawn/ground, polished   | DIN 671 / h9    |

## Product Overview

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| Steel Grade | AISI | Profile   | Dimension<br>in mm from: | Dimension<br>in mm to: | Execution                               | DIN /<br>Tolerance |
|-------------|------|---|--------------------------|------------------------|---|--------------------|
| 1.4301      | 304  |  | 3                        | 45                     | ground and polished, piston rod quality | DIN 670 / h8       |
| 1.4301      | 304  |  | 8                        | 60                     | ground and polished, piston rod quality | DIN 59361 / h6     |
| 1.4301      | 304  |  | 30                       | 340                    | peeled or machined                      | DIN 1013           |
| 1.4301      | 304  |  | 4                        | 60                     | drawn                                   | DIN 176 / h11      |
| 1.4301      | 304  |  | 4                        | 60                     | drawn                                   | DIN 178 / h11      |
| 1.4305      | 303  |  | 20 x 10                  | 100 x 20               | drawn                                   | DIN 174 / h11      |
| 1.4305      | 303  |  | 50 x 25                  | 100 x 30               | quenched, rolled, pickled               | DIN 1017           |
| 1.4305      | 303  |  | 180 x 70                 | 400 x 200              | free form forged, quenched              | DIN 7527           |
| 1.4305      | 303  |  | 1,5                      | 100                    | ground and polished                     | DIN 671 / h9       |
| 1.4305      | 303  |  | 3                        | 63                     | ground and polished, piston rod quality | DIN 670 / h8       |
| 1.4305      | 303  |  | 6                        | 35                     | ground and polished, piston rod quality | DIN 59361 / h6     |
| 1.4305      | 303  |  | 30                       | 345                    | peeled or machined                      | DIN 1013           |
| 1.4305      | 303  |  | 4                        | 60                     | drawn                                   | DIN 176 / h11      |
| 1.4305      | 303  |  | 6 x 6                    | 45 x 45                | drawn                                   | DIN 178 / h11      |
| 1.4305      | 303  |  | 300 x 300                |                        | free form forged, quenched              | DIN 7527           |

Cut to size possible, see "Service"




















|        |                |   |           |           |  |               |
|--------|----------------|---|-----------|-----------|--|---------------|
| 1.4401 | 316            |    | 6         | 63        | ground and polished, piston rod quality              | DIN 670 / h8  |
| 1.4404 | 316L           |   | 10 x 3    | 100 x 20  | drawn  | DIN 174 / h11 |
| 1.4404 | 316L           |  | 5         | 100       | drawn/ground, polished                               | DIN 671 / h9  |
| 1.4404 | 316L           |  | 12        | 63        | ground and polished, piston rod quality              | DIN 670 / h8  |
| 1.4404 | 316L           |  | 30        | 220       | peeled or machined                                   | DIN 1013      |
| 1.4404 | 316L           |  | 17        | 60        | drawn  | DIN 176 / h11 |
| 1.4435 | 316L           |  | 8         | 90        | ground and polished, piston rod quality              | DIN 670 / h8  |
| 1.4435 | 316L           |  | 20        | 150       | peeled or machined                                   | DIN 1013      |
| 1.4435 | 316L           |  | 10        | 60        | drawn  | DIN 176 / h11 |
| 1.4435 | 316L           |  | 6         | 40        | drawn  | DIN 178 / h11 |
| 1.4441 | IMPLANT 316LVM |  | 1         | 4,6       | strips cold rolled                                   | div.          |
| 1.4441 | IMPLANT 316LVM |  | 0,2       | 2         | Wire on spools, drawn,<br>final heat-treated, bright | +0 / -0,02 mm |
| 1.4441 | IMPLANT 316LVM |  | 0,8       | 25        | ground and polished                                  | DIN 670 / h8  |
| 1.4441 | IMPLANT 316LVM |  | 16        | 90        | annealed, peeled                                     | DIN 668 / h11 |
| 1.4462 |                |  | 25        | 210       | peeled or machined                                   | DIN 1013      |
| 1.4472 | KRONOS         |  | 16        | 33        | annealed, peeled, ISO 5832-9                         | DIN 668 / h11 |
| 1.4539 |                |  | 30        | 150       | peeled or machined                                   | DIN 1013      |
| 1.4542 | STRATOS 630    |  | 40 x 20   | 100 x 25  | quenched, warm rolled                                | DIN 1017      |
| 1.4542 | STRATOS 630    |  | 134 x 30  |           | solution annealed, warm rolled                       | DIN 1017      |
| 1.4542 | STRATOS 630    |  | 80 x 40   | 500 x 200 | forged, solution annealed Cond. A                    | DIN 7527      |
| 1.4542 | STRATOS 630    |  | 550 x 80  |           | solution annealed,<br>age treated P1070, forged      | DIN 7527      |
| 1.4542 | STRATOS 630    |  | 158 x 133 | 500 x 190 | P 800 2x age treated,<br>ESU-Cond. H1150 M           | DIN 7527      |
| 1.4542 | STRATOS 630    |  | 2         | 70        | drawn/ground, polished,<br>solution annealed         | DIN 671 / h9  |
| 1.4542 | STRATOS 630    |  | 25        | 100       | drawn/ground, polished,<br>age treated P1070         | DIN 671 / h9  |
| 1.4542 | STRATOS 630    |  | 20        | 150       | rolled, solution annealed, peeled                    | DIN 1013      |
| 1.4542 | STRATOS 630    |  | 160       | 250       | rolled, solution annealed, peeled                    | DIN 1013      |
| 1.4542 | STRATOS 630    |  | 20        | 165       | rolled, peeled, age treated P1070                    | DIN 1013      |
| 1.4542 | STRATOS 630    |  | 20x20     | 40x40     | rolled, solution annealed                            | DIN 1014      |

Cut to size possible, see "Service"

|        |  |   |    |    |                                |              |
|--------|--|---|----|----|--------------------------------|--------------|
| 1.4548 |  |  | 10 | 14 | ESU, age treated H1025, ground | DIN 671 / h9 |
|--------|--|---|----|----|--------------------------------|--------------|

## Product Overview

### Bright Steel / Steel Bars

| Steel Grade | AlSi                | Profile   | Dimension<br>in mm from: | Dimension<br>in mm to: | Execution                                     | DIN /<br>Tolerance |
|-------------|---------------------|---|--------------------------|------------------------|---|--------------------|
| 1.4571      | 316Ti               |    | 10x3                     | 100x20                 | drawn   | DIN 174 / h11      |
| 1.4571      | 316Ti               |    | 10x3                     | 200x20                 | pickled                                       | DIN 1017           |
| 1.4571      | 316Ti               |    | 2                        | 100                    | ground and polished                           | DIN 671 / h9       |
| 1.4571      | 316Ti               |    | 4                        | 60                     | ground and polished, piston rod quality       | DIN 670 / h8       |
| 1.4571      | 316Ti               |    | 22                       | 85                     | ground and polished, piston rod quality       | DIN 59361 / h6     |
| 1.4571      | 316Ti               |    | 20                       | 500                    | peeled or machined                            | DIN 1013           |
| 1.4571      | 316Ti               |    | 4                        | 60                     | drawn   | DIN 176 / h11      |
| 1.4571      | 316Ti               |    | 4                        | 60                     | drawn   | DIN 178 / h11      |
| 1.4571      | 316Ti               |    | 20                       | 150                    | pickled                                       | DIN 1014           |
| 1.4828      | 309                 |    | 3                        | 60                     | black   | DIN 1013           |
| 1.4841      | 310                 |    | 3                        | 6                      | ground  | DIN 671 / h9       |
| 1.4841      | 310                 |    | 8                        | 150                    | black   | DIN 1013           |
| 2.4952      | Alloy 80 A          |    | 6                        | 20                     | ground  | DIN 671 / h9       |
| 3.7035      | Grade 2             |    | 1                        | 25                     | ground and polished, ASTM F 67                | DIN 671 / h9       |
| 3.7035      | Grade 2             |    | 30                       | 90                     | ground and polished, ASTM F 67                | DIN 668 / h11      |
| 3.7065      | Grade 4             |    | 1                        | 25                     | ground and polished, ASTM F 67                | DIN 671 / h9       |
| 3.7065      | Grade 4             |   | 30                       | 90                     | ground and polished, ASTM F 67                | DIN 668 / h11      |
| 3.7165      | IMPLANT Grade 5-ELI |  | 1                        | 22                     | ground and polished,<br>ISO 5832-3/ASTM F 136 | DIN 670 / h8       |
| 3.7165      | IMPLANT Grade 5-ELI |  | 25                       | 90                     | ground and polished,<br>ISO 5832-3/ASTM F 136 | DIN 668 / h11      |

### Service

We are able to realize dimensions cut to our customers' specifications in our modern sawing facilities at anytime.

It is possible to saw from block flat dimensions of the minimum size of about 10 x 15 mm up to the maximum length of 700 mm.

As from April 2008 on we are able to saw up to the maximum length of 1250 mm.

We are able to provide large quantities within short term notice.

Tolerance in length, width and thickness: -0/+2 mm

### Tubes and Hollow Steel

#### Welded Stainless Steel Tubes

acc. to DIN 17455 / 17457 / 1 or DIN EN 10217-7  
in fabrication lengths of approx. 6 m  
on request also available in ground  
or polished execution

#### HF - Welded Decoration Tubes

non-annealed acc. to EN ISO 1127 / 2463  
in fabrication lengths of approx. 6 m  
on request also available in ground  
or polished execution

#### Welded Square Tubes

in fabrication lengths of approx. 6 m  
on request also available in ground  
or polished execution

#### Line Pipes

welded from sheets acc. to DIN 17455 / 17457  
Tolerances acc. to EN ISO 1127  
on request also available in ground  
or polished execution

## Tubes and Hollow Steel

### Seamless Stainless Steel Tubes

acc. to DIN 17456 / 17458 / EN 10216-5  
 Tolerance acc. to EIN ISO 1127 / 2462  
 in fabrication lengths of 4,00 - 7,00 m  
 on request also available in ground  
 or polished execution

### Hollow Steel

extruded, pickled  
 acc. to EN 10216-5 hot rolled  
 in fabrication lengths of 2,00 - 7,00 m  
 It is possible to saw specified lengths according to  
 our customers' needs

### Seamless Precision Tubes

Tolerance D4/T3 acc. to DIN 2391  
 in fabrication lengths of 4,00 - 7,00 m  
 on request also available in ground  
 or polished execution

### Welded Capillary Tubes

cold stretch reduced,  
 strain hardened or soft annealed  
 straightened, in and outside bright  
 with cut edges  
 fixed lengths possible

The following steel grades we have permanently stored in our warehouse for you:

| Steel Grade     | AISI   |
|-----------------|--------|
| 1.4301 / 1.4307 | 304    |
| 1.4541          | 321    |
| 1.4571          | 316 Ti |
| 1.4404          | 316 L  |
| 1.4539          |        |

Of course we can provide tubes as well  
 in further steel grades, such as e.g.  
 1.4462, 1.4828 or 1.4841 at short term notice.

For further dimensions, steel grades and specifications please feel free to contact us.

Legend:

● Round   ■ Square   ▬ Flat   ● Hexagon   — Sheets/Strips